FEDERAL SIGNAL



Model DSA1

100W Non-amplified Speaker

Federal Signal's Directional Speaker Array (DSA) product line now includes a 100 watt non-amplified speaker, model DSA1. The DSA1 provides variable taps for 100, 50, 25 or 12 Watts for use in a variety of applications. It can also be powered from a Ultra-Voice Controller or any 25/70 V amplifier.

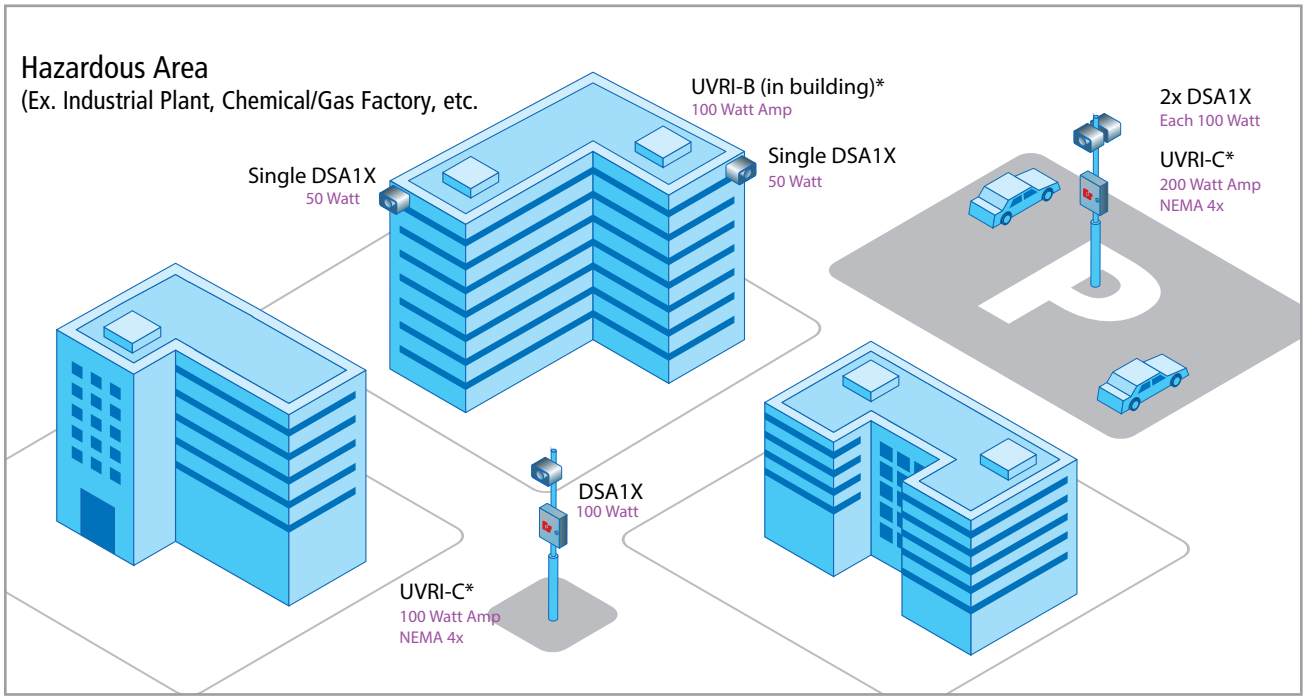
The DSA1 includes stainless steel hardware for wall or ceiling mounting; optional large or small mounting brackets and a unique omnidirectional mounting bracket are also available. The DSA1 enclosure has multiple access points to allow installation of strobes, sensors or lights.

The DSA1 can be combined with the DSA 2, 4 or 6 for an integrated mass notification system. With a maximum output of 100 Watts, the DSA1 speaker addresses customer needs for a cost effective voice and/or tone speaker. This speaker is an ideal solution for existing notification systems where lack of coverage exists and doesn't require high power levels.

FEATURES

- Indoor/Outdoor 100 watt tappable speaker with high-powered voice and tone
- 25 V and 70 V input taps
- Easy to install and service design
- Flexible terminal block for daisy-chaining speaker
- 100 W, 50 W, 25 W, and 12 W output taps
- Ceiling or pole mounts available, wall mount standard
- Optional Omni-directional Accessory
- 3/4" and 1/2" NPT conduit or gland openings
- NEMA 4X outdoor rated
- UL and cUL listed
- UL marine rated

DSA1 Non-Amplified Speaker



SPECIFICATIONS

- Operating Temperature: -22˚F to 150˚F / (-30˚C to 66˚C)
- Small size with rugged construction
  7 in x 9 in 10 in (178 mm x 229 mm x 254 mm)
- Maximum Sound Pressure Level 120 dB (± 2 dB) @ 10'
  (130 dB (± 2 dB) @ 1 m) @ 100 W
- Wall or pole mount options
- 25 V and 70 V input taps
- 100 W, 50 W, 25 W, and 12 W output taps
- SPL @ 50 W 117 db @ 10'
  127 db @ 1 M
  SPL @ 25 W 114 db @ 10'
  124 db @ 1 M
  SPL @12 W 111 db @ 10'
  121 db @ 1 M
- Net Weight 15.6 lbs 7.08 kg

HOW TO ORDER

Description	Part Number
100 Watt wall mount speaker	**DSA1**
Small (6" or less) Pole Mount Bracket	**I-IP100-PM**
Large (over 6") Pole Mount Bracket	**I-IP100-PMW**
Omni-Directional Option for IP Speaker	**I-IP100-OMNI**